## **CLAIMS**

We claim:

1	1. A release apparatus for a clutch in a motor vehicle having a chassis, said
2	arrangement comprising
3	a master cylinder of a hydraulic system,
4	a pedal for actuating said master cylinder to disengage said clutch, said pedal
5	requiring an actuating force is plotted against pedal travel during actuation of said master
6	cylinder to produce a characteristic curve of said actuating force,
7	an energy accumulator which is pivotable with respect to said chassis, said
8	accumulator storing energy when the clutch is engaged and providing a boosting force which
9	reduces the actuating force when the clutch is disengaged, said boosting force being plotted
10	against pedal travel to produce a characteristic curve of said boosting force, and
11	means for influencing said curve arranged between said energy accumulator and
12	said pedal.
1	2. A release apparatus as in claim 1 wherein said means for influencing said
2	characteristic curve comprises a kinematic arrangement.
1	3. A release apparatus as in claim 2 wherein said kinematic arrangement is
2	an over-center arrangement having a dead center during said pedal travel, said characteristic
3	curve being adapted to modify said characteristic curve primarily beyond said dead center.
1	4. A release apparatus as in claim 1 wherein said actuating force has a
2	maximum which is reduced by boosting force.

5. A release apparatus as in claim 2 wherein said kinematic arrangement comprises a swivel lever and a transmission lever.

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- 6. A release apparatus as in claim 5 wherein said pedal having an arm extending toward said energy accumulator, said swivel lever having a first joint at said chassis and a second joint at said energy accumulator, said transmission lever connecting said second joint to a third joint at the arm of the pedal.
- 7. A release mechanism as in claim 2 wherein said pedal has an arm extending toward said energy accumulator, said kinematic arrangement comprising a cam follower with a rolling cam, and a roller on the arm of said pedal.
- 8. A release mechanism as in claim 7 wherein said cam follower has a first joint at said chassis and a second joint at said energy accumulator, said moving along said rolling cam and pivoting said cam follower when said clutch is disengaged.
  - 9. A release mechanism as in claim 2 wherein said pedal has an end provided with a rolling cam, said kinematic arrangement comprising a spring having a first end connected to said chassis and a second end carrying a roller which is pressed against said rolling cam by said spring.
- 1 10. A release mechanism as in claim 9 wherein said spring comprises a leg 2 spring having a leg anchored in said chassis.